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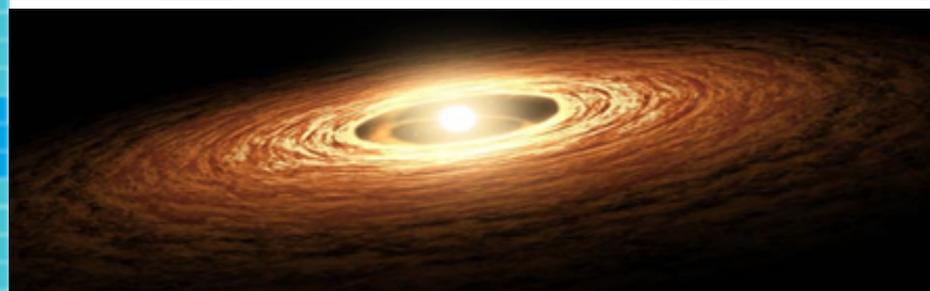
Brochure prepared by the STBPO-EPDO Postdoc Program Office



LANL Postdoc Career Fair 2012

August 28th – 30th, 2012

Welcome to Los Alamos
National Laboratory
Los Alamos,
New Mexico



*The
Los Alamos Postdoc
Association
and the
LANL Postdoc Program
Office,
on behalf of all Career Fair
participants, thank*



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Veriscape is a technology company developing infrastructure and application software based on radically new paradigms. Our mission is to dramatically improve the intelligence, performance, and scalability of netcentric applications and networks. Veriscape's products are used on 6 continents, 98 countries and our Global Fortune 1000 Customers include the world's largest pharmaceutical, world leading high technology, world leading conglomerate, world leading chemical manufacturer, world leading consumer products company. Veriscape offers a set of products based on the patented systems design and architecture, NVSI™, NetCentric Virtual Supercomputing Infrastructure™. NVSI™ technology offers a unique design approach and systems architecture that provides solutions to challenging business problems, many of which today are otherwise computationally intractable, and thus lack economic viability. This novel approach allows our clients to experience increased value from their existing technology investments. The origins of this unprecedented approach to solving business problems is based on years of research and development by a team of world-class computer scientists, neuroscientists and mathematicians. NVSI™ adapts existing hardware into a virtual supercomputer, and uses innovative application software and networks to create unprecedented access to information. This access maximizes a corporation's technology investments and allows for the creation of unique value-maximizing products and services. Our flagship product, IntelleCat™, is an intelligent, cost-effective catalog acquisition and search tool that delivers the savings promised through e-procurement systems. IntelleCat™ is based on our NetCentric Virtual Supercomputing Infrastructure™ technology and is a completely unique, internationally multi-patent-pending solution which has been proven in Production since 2001 at our Global 500 customer companies. IntelleCat™ is currently live in Production on 6 continents in 98 countries with 460,000 end users, 25 languages (including Asian, Arabic, Hebrew and European languages), 150 million searchable SKUs / articles.

Send resumes to career@veriscape.com

No recruiters or phone calls, please. Veriscape is an Equal Opportunity Employer.

Disciplines

Software Engineer -Experience with supercomputer, massively parallel and/or distributed computing environments. Familiarity with operating system design and implementation (particularly Unix). Experience with C, C++ and other programming languages, particularly Java. Advanced degree in computer science, mathematics, engineering or related technical field.

www.veriscape.com



At **Rincon Research Corporation**, our primary business is innovating, developing, and fielding digital signal processing (DSP) products and services for the United States Defense and Intelligence communities in defense of national security. We serve our customers with a range of technologies:

- Signals Collection, Analysis, and Processing - Rincon researches and develops signal processing algorithms, performs general-purpose signals analyses, and prototypes a range of mission critical systems to support our customers' signals technology initiatives.
- DSP Systems Development – Rincon has a 29-year history of innovating and developing signal processing applications that turn general-purpose computers into software driven DSP solutions for national security signal collection and analysis problems. Our DSP systems have been deployed around the world by the U.S. Government in sea-, air-, and land-based applications.
- DSP Infrastructure Development – Our DSP systems are built upon the Midas family of software, which we helped to pioneer 29 years ago and which is still in use today.
- High-Performance Electronics Development and Production – Our line of high-performance electronics products includes FPGA-based applications and technology and radio frequency units. This electronic technology line features highly-customized systems that perform to extraordinary standards.
- Orbit Analysis - Rincon orbital engineers have a history of innovative and cost-effective solutions for high-accuracy orbit determination, optimal orbital maneuvers, and a wide variety of orbital mission analyses covering all phases of a satellite mission.

We deploy these technologies for the U.S. Government worldwide to help ensure our national security, combat terrorist threats, and safeguard vital national resources.

Disciplines

Signals collection, analysis, and processing, DSP systems development, DSP infrastructure development, Orbit analysis, High-performance electronics development and production

Disciplines include:

Electrical Engineering, Computer Engineering, Software Engineering, and Physics and Mathematics

www.rincon.com

Schedule of Events

Tuesday, Aug. 28th

8 AM - 5 PM:

Otowi Building, 3rd Floor
Company Info Sessions

5:30 - 7:00 PM:

Fuller Lodge
Reception/Meet & Greet

Wednesday, Aug. 29th - Crossroads Bible Church

8 AM - 9:30 AM:

Company Info Sessions
Career Fair Booth Setup

9:30 AM - 2 PM:

Career Fair

2:30 PM - 5 PM:

On-site Interviews

Thursday, Aug. 30th - Crossroads Bible Church

8 AM - 5 PM:

On-site interviews



3M is fundamentally a science-based company. 3M captures the spark of new ideas and transforms them into thousands of ingenious products, and we're a leader in scores of markets - from health care and highway safety to office products and abrasives and adhesives. Our culture of creative collaboration inspires a never-ending stream of powerful technologies that make life better. 3M is the innovation company that never stops inventing. With \$27 billion in sales, 3M employs about 80,000 people worldwide and has operations in more than 65 countries. All of this is made possible by the people of 3M and their singular commitment to make life easier and better for people around the world.

Disciplines

Material Science and Engineering, Chemistry, Chemical Engineering

3M will not be present but are collecting CVs and will be recruiting at LANL in early Fall. If interested, please provide your CV to the Registration Desk.



RAND Corporation is a nonprofit institution that helps improve policy and decision making through research and analysis.

RAND focuses on the issues that matter most such as health, education, national security, international affairs, law and business, the environment, and more. With a research staff consisting of some of the world's preeminent minds, RAND has been expanding the boundaries of human knowledge for more than 60 years.

As a nonprofit organization, RAND is widely respected for operating independent of political and commercial pressures. Through our dedication to high-quality and objective research and analysis and with sophisticated analytical tools developed over many years, RAND engages clients to create knowledge, insight, information, options, and solutions that will be both effective and enduring.

www.rand.org



Oak Ridge National Laboratory is the Department of Energy's largest science and energy laboratory with over 4,600 staff from more than 80 countries, 3,000 guest researchers, 12 user facilities and a budget of approximately \$1.65 billion. The Lab supports the Department of Energy's mission through six major scientific competencies in energy, neutron sciences, high-performance computing, complex biological systems, materials research and national security.

Energy and Environmental Sciences, Computing and Computational Sciences, National Security, Physical Sciences, Neutron Sciences, and Nuclear Sciences.

We have opportunities for internships, post grads, post masters, post docs, business professionals, technical professionals, fulltime research professionals, distinguished fellowships, and joint faculty appointments.

Disciplines

Energy and Environmental Sciences, Computing and Computational Sciences, National Security, Physical Sciences, Neutron Sciences, and Nuclear Sciences.

www.ornl.gov



As an independent, nonprofit corporation operating a federally funded research and development center (FFRDC), The Aerospace Corporation performs objective technical analyses and assessments for a variety of government, civil and commercial customers.

With five decades of experience and a staff widely recognized for its technical knowledge and capabilities, The Aerospace Corporation provides leadership and support in all fields and disciplines of research, design, development, acquisition, operations, and program management.

Disciplines

Positions in Electronics and optics, microelectronics and VLSI, communications, telemetry and antennas, computer technology hardware. Guidance and control, thermal control, mechanical design, propulsion and fluid mechanics, structural dynamics and analysis. Propulsion, liquid and solid propellants. Thermodynamics/propulsion. Applied and space physics.

Computer systems and data processing, software engineering. Math and Applied math. Power Systems, Circuits, RF, Communications Engineering, Systems Architecture, Ground Systems Architecture, Software Design, Performance Analysis, Objected Oriented Methodologies, Structures, Radar Signal Processing, Antennas, Optics/Photonics, Systems Engineering.

A Masters or PhD degree in Electrical Engineering, Computer Engineering, Mechanical Engineering, Aeronautical Engineering, Chemistry, Physics and Computer Science. We will accept BS candidates. All applicants must be U. S. citizens.

All applicants are subject to a security investigation for access to classified information

www.aerospace.org



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Disciplines

Semiconductor Process Engineering: CVD; PVD; ALD; Etch; CMP; Metrology
Equipment Engineering: Chamber Mechanical Hardware Engineering;
Electrical; Systems

www.appliedmaterials.com



MIT Lincoln Laboratory is a federally funded research and development center (FFRDC) sponsored by the Department of Defense. FFRDCs assist the U.S. government with scientific research and analysis, systems development, and systems acquisition to provide novel, cost-effective solutions to complex government problems.

To ensure objectivity and technical excellence, FFRDCs are organized as independent, not-for-profit entities, prohibited from manufacturing products, competing with industry, or working for commercial companies. They combine the expertise and outlook of government, industry, and academia.

Lincoln Laboratory emphasizes meeting the government's FFRDC goals of providing independent perspective on critical issues, maintaining long-term competency, retaining high-quality staff, sustaining strategic sponsor relationships, and developing technology for both long-term interests and short-term, high-priority needs. Lincoln Laboratory supports its government sponsors with a full spectrum of planning and concept development in specific missions and core competencies.

Currently 39 FFRDCs work in the fields of defense, energy, aviation, space, health and human services, and tax administration. All FFRDCs are sponsored by government agencies with whom they work as strategic partners, but they are privately administered by universities and other not-for-profit organizations.

As an operating unit of MIT, Lincoln Laboratory offers an exceptional benefits program and a strong cooperative relationship with the main campus. The Laboratory is located on the grounds of Hanscom Air Force Base, in Lexington, MA, approximately 18 miles outside of Boston.

Disciplines

Electrical Engineers, Physicist, Mechanical Engineers, Mathematicians, Computer Scientists to develop sensors, cyber security and decision support systems for DOD, FAA, and other government sponsors.

Due to the necessity to obtain and hold a government issues security clearance, US Citizenship is required.

www.ll.mit.edu



Lovelace Respiratory Research Institute is a private biomedical research organization dedicated to improving public health through research on the prevention, treatment, and cure of respiratory disease.

Equipped with a broad range of technical expertise and a wealth of research capabilities, LRRRI studies respiratory health issues of concern to scientists and health care experts in universities, government, industry, and patient advocacy groups. We are committed to curing respiratory disease through research aimed at understanding their causes and biological mechanisms; assessing and eliminating exposures to respiratory health hazards; and developing improved therapeutics, vaccines and diagnostics.

The Institute readily opens its unique research facilities to university, government, and private collaborators.

Disciplines

Chemistry, Biochemistry, Biology, Microbiology, Toxicology, Immunology, Virology

www.lrrri.org



Human Energy™

Chevron is one of the world's leading integrated energy companies, with subsidiaries that conduct business worldwide. The company's success is driven by the ingenuity and commitment of its employees and their application of the most innovative technologies in the world. Chevron is involved in virtually every facet of the energy industry. The company explores for, produces and transports crude oil and natural gas; refines, markets and distributes transportation fuels and other energy products; manufactures and sells petrochemical products; generates power and produces geothermal energy; provides energy efficiency solutions; and develops the energy resources of the future, including biofuels. Chevron is based in San Ramon, Calif. More information about Chevron is available at www.chevron.com.

Disciplines

Mechanical, Chemical, Civil, & Environmental Engineers, Industrial Hygiene, Safety & Health

www.chevron.com



Clear Image Technology, LLC (CIT) is a medical device development company focussed on the development of disposable, single-use, micro-visualization and endoscopy products designed to push products from the operating room into a physicians office. The company's existing product - the InnerVue Diagnostic Scope System - is the leading in-office arthroscopy product on the market and is distributed by our corporate partner (Biomet - a Top 5 orthopedics company).

CIT is advancing the state-of-the art by incorporating micro-CMOS image sensors and advanced image enhancement algorithms to it's product line. We are looking to build up our engineering team with highly-skilled and ambitious people who are committed to advancing medical technology.

Disciplines

Engineering Physics - Electrical Engineer - Mechanical Engineer - Software Engineer - Algorithm Development - Embedded Systems - VHDL Development - Computational Optics

www.clearimg.com



In the world of science, **Lawrence Berkeley National Laboratory** (Berkeley Lab) is synonymous with "excellence." Eleven scientists associated with Berkeley Lab have won the Nobel Prize. Fifty-seven Lab scientists are members of the National Academy of Sciences (NAS), one of the highest honors for a scientist in the United States. Thirteen of our scientists have won the National Medal of Science, our nation's highest award for lifetime achievement in fields of scientific research. Eighteen of our engineers have been elected to the National Academy of Engineering, and three of our scientists have been elected into the Institute of Medicine. In addition, Berkeley Lab has trained thousands of university science and engineering students who are advancing technological innovations across the nation and around the world.

Berkeley Lab is a member of the national laboratory system supported by the U.S. Department of Energy through its Office of Science. It is managed by the University of California (UC) and is charged with conducting unclassified research across a wide range of scientific disciplines. Located on a 200-acre site in the hills above the UC Berkeley campus, Berkeley Lab offers spectacular views of the San Francisco Bay.

Disciplines

We are hiring across the following Berkeley Lab areas: Biosciences, Computing Sciences, Energy & Environmental Sciences, General Sciences, and Operations for postdocs, research assistants/associates, engineers and scientists. For most of our scientists roles, we look for 3 years of postdoctoral experience.

www.lbl.gov



Lam Research Corporation is a major supplier of wafer fabrication equipment and services to the worldwide semiconductor industry, where we have been advancing semiconductor manufacturing for more than 30 years. With the ongoing and growing demand for feature-rich consumer products, chipmakers are challenged to mass produce highly sophisticated devices. To keep pace and meet challenging production requirements, semiconductor manufacturers will need to invest in highly versatile and reliable wafer fabrication equipment. Lam's recent merger with Novellus Systems, Inc., has created a broad portfolio of complementary product capabilities that includes Lam's leadership in etch and single-wafer clean and Novellus' leadership in thin film deposition and photoresist strip. The combined company is well positioned to lead the global semiconductor industry through the next critical technology transitions, including 3D structures in advanced devices and scaling to 450 mm wafers. With corporate headquarters located in Fremont, California, the Company maintains a network of facilities throughout Asia, North America, and Europe to meet the complex and changing needs of its global customer base.

Disciplines

Engineering Physics - Electrical Engineer - Mechanical Engineer - Software Engineer - Algorithm Development - Embedded Systems - VHDL Development - Computational Optics

www.lamresearch.com



**Center for
Naval Analysis**

At **CNA** we analyze and solve problems by getting as close as possible to the people, the data – and the problems themselves – in order to find the clear, credible answers government leaders need to choose the best course of action.

CNA's Center for Naval Analyses is a federally funded research and development center (FFRDC) for the Navy and Marine Corps. The Center also provides research and analyses services to other military and government agencies to help improve the efficiency and effectiveness of U.S. national defense efforts.

CNA's Institute for Public Research provides high-level research and analysis services to federal, state, and local government agencies, and non-commercial clients working in the areas of education, health research and policy, organizational learning and effectiveness, air traffic management, safety and security, and other domestic issue areas.

Disciplines

Computer Science, Math, Electrical Engineer, Chemistry

All applicants are subject to a security investigation and must meet eligibility requirements for access to classified information

www.cna.org

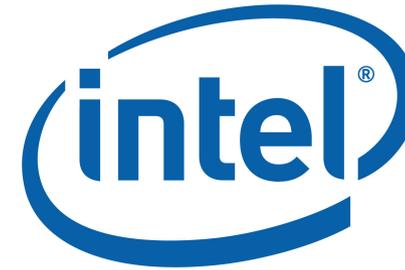


As the global leader in supercomputing, **Cray** provides highly advanced supercomputing systems and world-class services and support to government, industry and academia. Cray technology enables scientists and engineers to achieve remarkable breakthroughs by accelerating performance, improving efficiency and extending the capabilities of their most demanding applications. Cray's Adaptive Supercomputing vision will result in innovative next-generation products that integrate diverse processing technologies into a unified architecture, allowing customers to surpass today's limitations and meeting the market's continued demand for realized performance. Go to www.cray.com for more information.

Disciplines

Software Engineers. In particular, in the areas of Compiler Optimization, MPT, Build/Integration/Test, Scientific Libraries, Performance, OSIO and Chapel language development.

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Disciplines

Applied Physics, Chemical Engineering, Chemistry, Computer Science, Computer Engineering, Construction Management, Electrical Engineering, Environmental or Safety Engineer, Industrial Engineer, Materials Science, Mechanical Engineer, Mat/Statistics

www.intel.com



The Institute for Defense Analyses is a not-for-profit organization that operates three think tanks supporting federal decision making -- two serving the Department of Defense and one serving the Office of Science and Technology Policy in the Executive Office of the President. The IDA Centers provide objective analyses of national security issues, particularly those requiring scientific and technical expertise, and conduct related research on other national challenges. IDA offers a competitive salary, an excellent benefits package and a superior professional working environment. IDA's main facility is located in a modern office complex, directly off an interstate highway, minutes from the Pentagon. To the right individual, IDA offers the opportunity to have a major impact on key national programs while working on fascinating technical issues.

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Interested candidates are encouraged to visit IDA's website: www.ida.org for more information and to submit resumes.

Disciplines

Highly qualified PhD individuals are sought, particularly self-starting professionals in the following areas: Chemistry; Computer and Information Sciences; Cyberspace Operations; Economics; Electrical Engineering; Mathematics or Operations Research; Physics; Physical Sciences; Science or Engineering PhD with an Economics or Finance

Must have the ability to obtain a US Dept. of Defense Security Clearance for Access to Classified Information which normally requires US citizenship

www.ida.com

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Eastman Chemical Company (NYSE:EMN) is a major global company whose products touch the lives of people around the world every day. Eastman manufactures and markets chemicals, fibers, and plastics worldwide. We provide key differentiated coatings, adhesives and specialty plastics. Founded in 1920 and headquartered in Kingsport, Tennessee, Eastman is a FORTUNE 500 company with 2010 sales of \$6 billion and approximately 10,000 employees. We currently have a need for Ph.D. Chemist or Chemical Engineer for Eastman's Research Division at our Eastman Chemical Company headquarters located in Kingsport, Tennessee. Eastman offers a competitive salary and an impressive array of benefits including: comprehensive health coverage, retirement and 401(k) plans, recognition programs, casual business dress, flexible work schedules, physical fitness and employee recreation centers.

Located in the foothills of the Smoky Mountains, Kingsport, Tennessee, the area offers excellent schools, outdoor activities, mountains, TVA lakes, low taxes, and access to major metropolitan areas like Washington DC, Charlotte, NC, and Atlanta, GA.

Disciplines

PhD Analytical Chemist

Required Degree: Ph.D. in Analytical, Physical Chemistry or equivalent science degree from an accredited college or university
Broad-based analytical chemistry background with an ability to work effectively in a team environment.

Eastman Chemical Company is an equal opportunity employer.
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ExxonMobil is a Research company to produce new technologies for the exploration and production of oil and natural gas.

Disciplines

Engineering and Computational Sciences

www.exxonmobil.com



imagination at work

GE Global Research is headquartered in a world-class, multidisciplinary technology center spread over 525 acres overlooking the majestic Mohawk River in upstate New York. The facility has been home to some of the Company's most exciting and far-reaching innovations. From its humble beginning in a carriage barn in Schenectady, New York, GE Global Research has grown into a global operation spanning multiple continents, employing people from virtually every scientific and technical discipline.

We are chemists, physicists, electrical and electronics engineers, microbiologists, metallurgists, information technologists and everything in between. People of different disciplines work on teams together to develop technologies in areas like electronic systems, alternative energies, biosciences and nanotechnology.

This is truly a place where GE's businesses and customers can come together with Global Research technologists to discuss technology, drive the next innovation breakthroughs and redefine what's possible.

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This is redefining what's possible!

Disciplines

Aerospace Engineering, Biomedical Engineering, Chemical Engineering, Chemistry, Computer Science, Computer Engineering, Electrical Engineering, Industrial Engineering, Manufacturing Engineering, Materials/Metallurgy, Mathematics/Statistics, Mechanical Engineering, Operations Research, Optical Engineering, Physics, Software Architecture, Software Engineering, Systems Engineering

ge.gegloalresearch.com